

Fig. 1

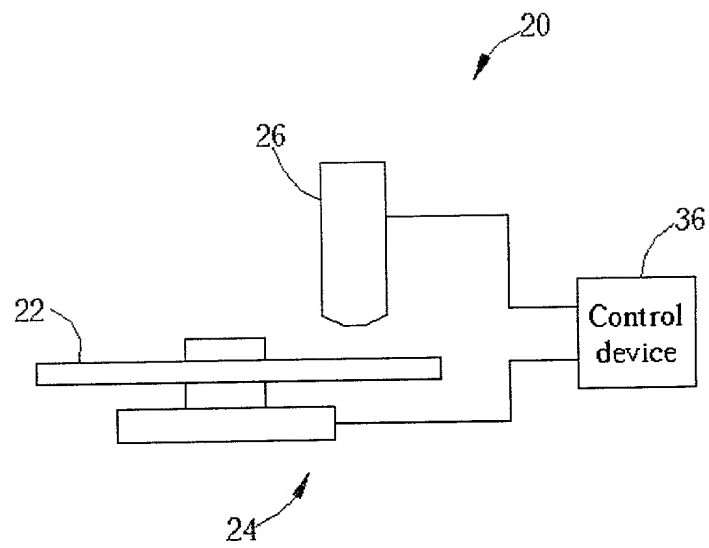


Fig. 2

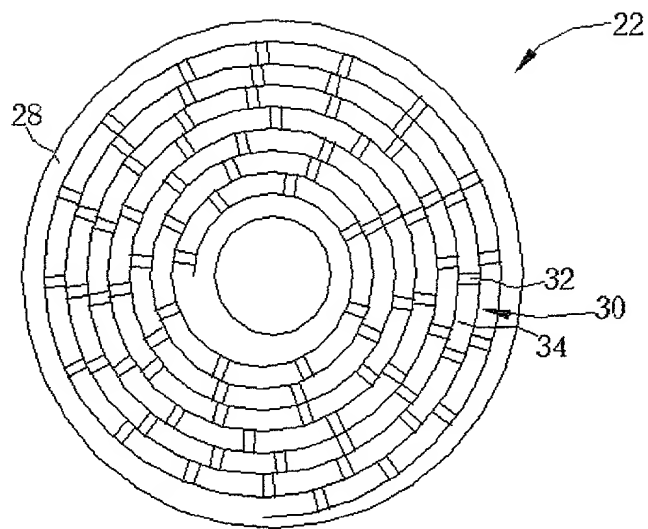


Fig. 3

| Data block | Logic block address data | Linear velocity | Recording speed | Optical recording intensity |
|------------|-----------------------------|--------------------|--------------------|-----------------------------------|
| Z_1 | $T_0 - T_1$ | V_1 | R_1 | A_1 |
| Z_2 | $T_1 - T_2$ | V_2 | R_2 | A_2 |
| Z_3 | $T_2 - T_3$ | V_3 | R_3 | A_3 |
| Z_4 | $T_3 - T_4$ | V_4 | R_4 | A_4 |

Fig. 4

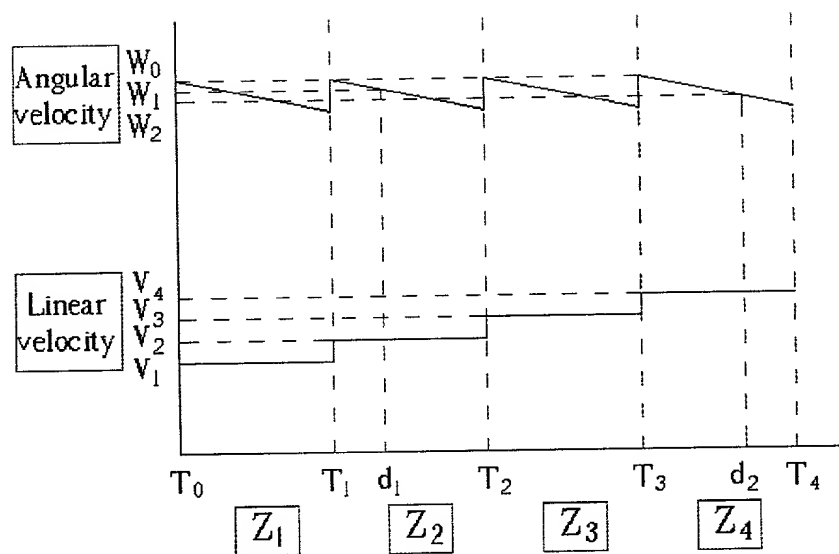


Fig. 5

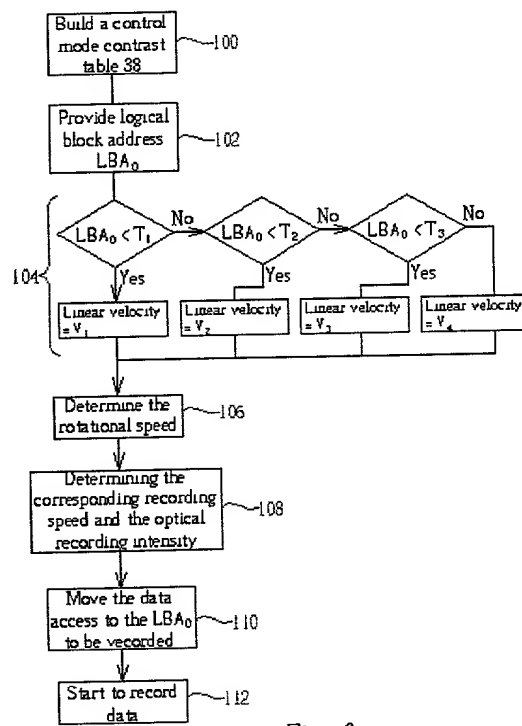


Fig. 6

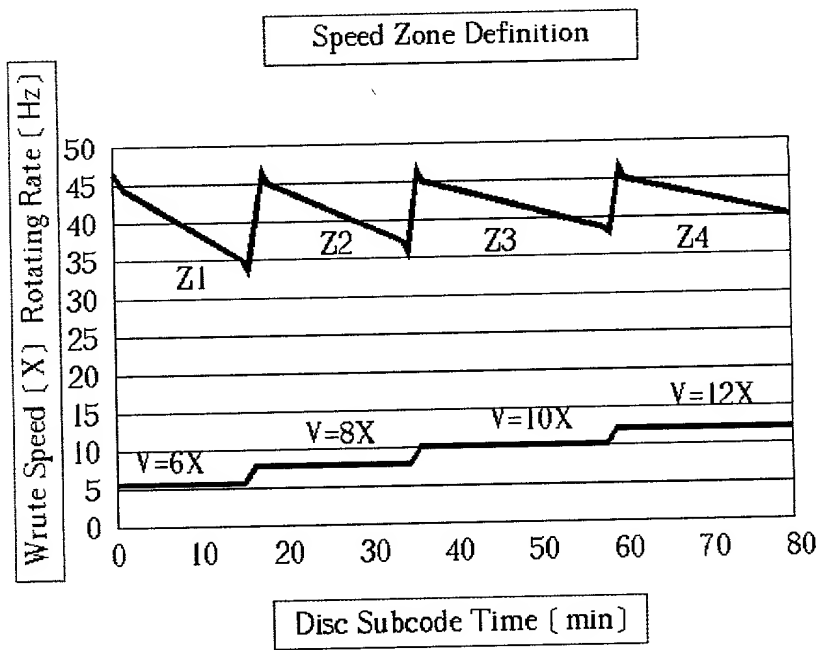


Fig. 7

| | Constant linear velocity control (8X) | Four-stage linear velocity control (8-10X) |
|-------------------------------------|---|--|
| Temperature of the spindle motor | 60°C | 41 °C |
| Power consuming of the driver | 4.3W | 1.8W |

Fig. 8